

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:49:10 ; Search time 101.88 seconds

(without alignments)
35.889 Million cell updates/sec

Title: us-08-569-749-10

Perfect score: 294

Sequence: 1 PQLASAGFYVYNGSDVYKC.....CWESGDDPWVQHAKEPFRCE 48

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 219241 seqs, 76174552 residues

Total number of hits satisfying chosen parameters: 219241

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08

Maximum Match 1008

Listing first 45 summaries

Database :

1: PIR:68:*

2: PIR:*

3: PIR:*

4: PIR:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being predicted, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	DB ID	Description
1	294	100.0	604 2	apoptosis inhibito
2	283	96.3	358 2	apoptosis inhibito
3	270	91.8	618 2	apoptosis inhibito
4	200	68.0	268 2	inhibitor of apopt
5	200	68.0	268 2	apoptosis-inhibiti
6	193	65.6	298 3	kidney inhibitor o
7	185	62.9	275 2	inhibitor-of-apopt
8	177	60.2	497 2	apoptosis inhibito
9	177	60.2	1447 2	neuronal apoptosis
10	173	58.8	1232 2	neuronal apoptosis
11	153	52.0	496 2	apoptosis inhibito
12	153	52.0	497 2	apoptosis inhibito
13	116.5	39.6	4845 2	apoptosis inhibito
14	116	39.5	150 2	apoptosis inhibito
15	114	38.8	286 2	apoptosis inhibito
16	111	37.8	275 2	apoptosis inhibito
17	111	37.8	292 2	apoptosis inhibito
18	107	36.4	208 2	apoptosis inhibito
19	101	34.4	997 2	apoptosis inhibito
20	93	31.6	155 2	apoptosis inhibito
21	80	27.2	308 2	apoptosis inhibito
22	76	25.9	155 2	apoptosis inhibito
23	68	23.1	234 2	apoptosis inhibito
24	64.5	21.9	329 2	apoptosis inhibito
25	62.5	21.3	772 2	apoptosis inhibito
26	61	20.7	287 2	apoptosis inhibito
27	60.5	20.6	3005 2	apoptosis inhibito
28	59.5	20.2	3005 2	apoptosis inhibito
29	58.5	19.9	844 1	apoptosis inhibito

ALIGNMENTS

30	58.5	19.9	844	2	A85499	hypothetical prote
31	58	19.7	3229	2	S27852	probable cell-surf
32	57.5	19.6	2496	2	A71616	secreted protein p
33	57	19.4	385	2	E86449	hypothetical prote
34	56.5	19.2	114	2	S69006	trypsin/chymotryps
35	56.5	19.2	156	2	A48886	8-oxo-7,8-dihydrog
36	56.5	19.2	249	2	H72858	apoptosis inhibito
37	56.5	19.2	249	2	T41814	apoptosis inhibito
38	56	19.0	65	2	A38729	metallothionein -
39	56	19.0	760	2	T41644	hypothetical trp-a
40	55.5	18.9	415	2	C71467	hypothetical tyrosine
41	55	18.7	553	2	D96684	hypothetical prote
42	55	18.7	588	2	S52524	probable membrane
43	55	18.7	1784	2	T43167	sodium channel pro
44	54.5	18.5	700	2	A96650	hypothetical prote
45	54.5	18.5	846	2	S57580	penicillin-binding

RESULT 1
S68449
apoptosis inhibitor hlap-1 - human
C:Species: Homo sapiens (man)
C>Date: 17-Jul-1998 #sequence_revision 17-Jul-1998 #text_change 21-Jul-2000
C:Accession: S68449
R:Liston, P.; Roy, N.; Tamal, K.; Lefebvre, C.; Baird, S.; Chertont-Horvat, G.; Farr, A.
Title: Suppression of apoptosis in mammalian cells by NAIP and a related family
A:Reference number: A58182; M01D:96145245
A:Accession: S68449
A:Status: nucleic acid sequence not shown
A:Molecule type: mRNA
A:Residues: 1-604 <L18>
A:Cross-references: EMBL:U45878; NID:G1184315; PIDN:AAC50371.1; PID:G1184316
C:Function:
A:Description: apoptotic suppressor
C:Superfamily: RING finger homology
C:Keywords: apoptosis; zinc finger
F:551-597/Domain: RING finger homology <RNG>

Query Match 100.0%; Score 294; DB 2; Length 604;
Best Local Similarity 100.0%; Pred. No. 4.3e-27;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PQLASAGFYVYNGSDVYKCFCDCGILCWESGDDPWVQHAKEPFRCE 48
DB 273 PQLASAGFYVYNGSDVYKCFCDCGILCWESGDDPWVQHAKEPFRCE 320

RESULT 2
JC5964
apoptosis inhibitor - pig
C:Species: Sus scrofa domestica (domestic pig)
C>Date: 04-Sep-1998 #sequence_revision 04-Sep-1998 #text_change 02-Sep-2000
C:Accession: JC5964
R:Steinhilb, C.; de Martin, R.; Binder, B.R.; Lipp, J.
Biochem. Biophys. Res. Commun. 243: 827-832, 1998
A>Title: Cycloheximide induced expression of porcine inhibitor of apoptosis protein (Iap)
A:Reference number: JC5964; M01D:98162622
A:Accession: JC5964
A:Status: Preliminary
A:Molecule type: DNA
A:Residues: 1-358 <STP>
A:Cross-references: GI:U79142; NID:92957174; PIDN:AAC39177.1; PID:92957175
C:Superfamily: RING finger homology
F:307-351/Domain: RING finger homology <RRN>

Query Match 96.3%; Score 283; DB 2; Length 358;
Best Local Similarity 93.8%; Pred. No. 5.3e-26;
